

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	46852	(space near time) or (space\$1time) or (time\$1space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 14:28
L2	181041	(cluster or blob or set or array) and convex	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 14:30
L3	13644	poisson	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 14:30
L4	859	703/6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 14:31
L5	0	I1 and I2 and I3 and I4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 14:31
L6	22	I1 and I2 and I3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 14:31
S1	2	"6229918".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/29 17:36



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☐ 1: [Iyengar VS.](#)

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Space-time clusters with flexible shapes.

MMWR Morb Mortal Wkly Rep. 2005 Aug 26;54 Suppl:71-6.

PMID: 16177696 [PubMed - indexed for MEDLINE]

☐ 2: [Kulldorff M, Athas WF, Feurer EJ, Miller BA, Key CR.](#)

[Related Articles, Links](#)



Evaluating cluster alarms: a space-time scan statistic and brain cancer in Los Alamos, New Mexico.

Am J Public Health. 1998 Sep;88(9):1377-80.

PMID: 9736881 [PubMed - indexed for MEDLINE]

☐ 3: [Kulldorff M, Zhang Z, Hartman J, Heffernan R, Huang L, Mostashari F; Centers for Disease Control and Prevention \(CDC\).](#)

[Related Articles, Links](#)



Benchmark data and power calculations for evaluating disease outbreak detection methods.

MMWR Morb Mortal Wkly Rep. 2004 Sep 24;53 Suppl:144-51.

PMID: 15714644 [PubMed - indexed for MEDLINE]

☐ 4: [Cassa CA, Grannis SJ, Overhage JM, Mandl KD.](#)

[Related Articles, Links](#)



A context-sensitive approach to anonymizing spatial surveillance data: impact on outbreak detection.

J Am Med Inform Assoc. 2006 Mar-Apr;13(2):160-5. Epub 2005 Dec 15.

PMID: 16357353 [PubMed - indexed for MEDLINE]

☐ 5: [Aamodt G, Samuelsen SO, Skrondal A.](#)

[Related Articles, Links](#)



A simulation study of three methods for detecting disease clusters.

Int J Health Geogr. 2006 Apr 12;5:15.

PMID: 16608532 [PubMed - indexed for MEDLINE]

☐ 6: [Kleinman KP, Abrams AM, Kulldorff M, Platt R.](#)

[Related Articles, Links](#)



A model-adjusted space-time scan statistic with an application to syndromic surveillance.

Epidemiol Infect. 2005 Jun;133(3):409-19.

PMID: 15962547 [PubMed - indexed for MEDLINE]

☐ 7: [Mandl KD, Reis B, Cassa C; Centers for Disease Control and Prevention \(CDC\).](#)

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Measuring outbreak-detection performance by using controlled feature set simulations.

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space time cluster detect

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## Patent Search

Patents 1 - 10 of 456 on space time cluster detect. (0.68 seconds)

### System and method for automatically detecting clusters of data points within a data space

US Pat. 6229918 - Filed Oct 20, 1998 - Microsoft Corporation

7 is a detailed view of the **cluster** after basic processing of the data **space** by the radial spanning system and method of the present invention. ...

### Apparatus and method for detecting photon emissions from transistors

US Pat. 7038442 - Filed Jan 20, 2005 - Credence Systems Corporation

Due to the weighting of incremented, x and y are reset to 0 and the search continues photon emissions in both **space** and **time**, a well defined with ...

### Method and apparatus for correlating sensor detections in space and time

US Pat. 5128684 - Filed Feb 8, 1991 - Westinghouse Electric Corp.

In systems do not have this capability, it is necessary to **detect** target tracks ... The reports are mapped by dividing a region of **space** from the **time** at ...

### Method and system for event detection in plasma processes

US Pat. 7006205 - Filed May 30, 2002 - Applied Materials Inc.

9 m the input **space**. Each of the three pcs learning, the winning second ... **time** a three dimensional **cluster** analysis are self-organizing feature maps (SOFM ...

### Apparatus and method for detecting photon emissions from transistors

US Pat. 6943572 - Filed Dec 5, 2003 - Credence Systems Corporation

If the **cluster** of photons is large enough and closely related in **space** and **time**, then the photons are considered to have been emitted from a transistor. ...

### Method and apparatus for estimating digital video quality without using a reference video

US Pat. 6285797 - Filed Apr 5, 2000 - Sarnoff Corporation

The outputs of the model—local, psychophysically weighted **space-time** ... For example, optic-flow analysis produces clusters across **time**, each **cluster** ...

### N-best feasible hypotheses multitarget tracking system for space-based early warning systems

US Pat. 5798942 - Filed Apr 5, 1994 - TRW Inc.

The Reid launch position, launch direction, launch **time**, ... tracking technique sequentially generates all **cluster**-specific angle using the assembled track ...

### DYNAMIC DEBUG AID FOR COMPUTER DATA COMMUNICATION NETWORKS

US Pat. 3778767 - Filed May 30, 1972 - Burroughs Corporation

The central data prö- by the DCP through the adapter **cluster** module. ... at the DLM carrier tion scheme between the DLM and the **cluster**. **detect** line 189. ...

### Flame detection method and apparatus

US Pat. 5510772 - Filed Aug 5, 1993 - Kidde-Graviner Limited

The apparatus to be described processes the successive images in order to **detect**